

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	279	(558/440).CCLS.	US-PGP UB; USPAT; USOCR ; EPO; JPO; DERWE NT; IBM_T DB	OR	OFF	2007/03/29 15:18
L2	300	(548/100).CCLS.	US-PGP UB; USPAT; USOCR ; EPO; JPO; DERWE NT; IBM_T DB	OR	OFF	2007/03/29 15:19
L3	0	L2 AND L1	US-PGP UB; USPAT; USOCR ; EPO; JPO; DERWE NT; IBM_T DB	OR	ON	2007/03/29 15:19

EAST Search History

L4	1	L1 AND HYDROXYIMINO	US-PGP UB; USPAT; USOCR ; EPO; JPO; DERWE NT; IBM_T DB	OR	ON	2007/03/29 15:21
L5	52	L1 AND ACRYLONITRILE	US-PGP UB; USPAT; USOCR ; EPO; JPO; DERWE NT; IBM_T DB	OR	ON	2007/03/29 15:22

10500599

<03/29/2007>

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PASSWORD :

TERMINAL (ENTER 1, 2, 3, OR ?):2

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NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 DEC 18 CA/CAplus pre-1967 chemical substance index entries enhanced with preparation role
NEWS 4 DEC 18 CA/CAplus patent kind codes updated
NEWS 5 DEC 18 MARPAT to CA/CAplus accession number crossover limit increased to 50,000
NEWS 6 DEC 18 MEDLINE updated in preparation for 2007 reload
NEWS 7 DEC 27 CA/CAplus enhanced with more pre-1907 records
NEWS 8 JAN 08 CHEMLIST enhanced with New Zealand Inventory of Chemicals
NEWS 9 JAN 16 CA/CAplus Company Name Thesaurus enhanced and reloaded
NEWS 10 JAN 16 IPC version 2007.01 thesaurus available on STN
NEWS 11 JAN 16 WPIDS/WPINDEX/WPIX enhanced with IPC 8 reclassification data
NEWS 12 JAN 22 CA/CAplus updated with revised CAS roles
NEWS 13 JAN 22 CA/CAplus enhanced with patent applications from India
NEWS 14 JAN 29 PHAR reloaded with new search and display fields
NEWS 15 JAN 29 CAS Registry Number crossover limit increased to 300,000 in multiple databases
NEWS 16 FEB 15 PATDPASPC enhanced with Drug Approval numbers
NEWS 17 FEB 15 RUSSIAPAT enhanced with pre-1994 records
NEWS 18 FEB 23 KOREAPAT enhanced with IPC 8 features and functionality
NEWS 19 FEB 26 MEDLINE reloaded with enhancements
NEWS 20 FEB 26 EMBASE enhanced with Clinical Trial Number field
NEWS 21 FEB 26 TOXCENTER enhanced with reloaded MEDLINE
NEWS 22 FEB 26 IFICDB/IFIPAT/IFIUDB reloaded with enhancements
NEWS 23 FEB 26 CAS Registry Number crossover limit increased from 10,000 to 300,000 in multiple databases
NEWS 24 MAR 15 WPIDS/WPIX enhanced with new FRAGHITSTR display format
NEWS 25 MAR 16 CASREACT coverage extended
NEWS 26 MAR 20 MARPAT now updated daily
NEWS 27 MAR 22 LWPI reloaded

NEWS EXPRESS NOVEMBER 10 CURRENT WINDOWS VERSION IS V8.01c, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 25 SEPTEMBER 2006.

| | |
|------------|---|
| NEWS HOURS | STN Operating Hours Plus Help Desk Availability |
| NEWS LOGIN | Welcome Banner and News Items |
| NEWS IPC8 | For general information regarding STN implementation of IPC 8 |
| NEWS X25 | X.25 communication option no longer available |

Enter NEWS followed by the item number or name to see news on that specific topic.

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<03/29/2007>

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FILE 'HOME' ENTERED AT 14:48:38 ON 29 MAR 2007

FILE 'REGISTRY' ENTERED AT 14:48:48 ON 29 MAR 2007
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STRUCTURE FILE UPDATES: 28 MAR 2007 HIGHEST RN 928615-67-2
DICTIONARY FILE UPDATES: 28 MAR 2007 HIGHEST RN 928615-67-2

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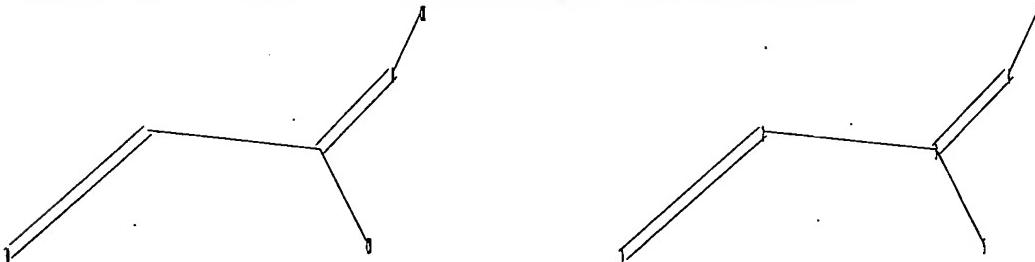
TSCA INFORMATION NOW CURRENT THROUGH December 2, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=> Uploading C:\Program Files\Stnexp\Queries\10500599.str



```

chain nodes :
1 2 3 4 5 6
chain bonds :
1-2 2-3 3-4 3-5 4-6
exact/norm bonds :
1-2 3-4 4-6
exact bonds :

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<03/29/2007>

2-3 3-5

Match level :

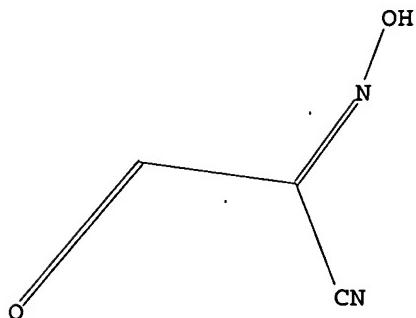
1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS

L1 STRUCTURE UPLOADED

=> D

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> S L1

SAMPLE SEARCH INITIATED 14:49:05 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 150 TO ITERATE

100.0% PROCESSED 150 ITERATIONS
SEARCH TIME: 00.00.01

23 ANSWERS

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**

PROJECTED ITERATIONS: 2266 TO 3734

PROJECTED ANSWERS: 173 TO 747

L2 23 SEA SSS SAM L1

=> S L1 FULL

FULL SEARCH INITIATED 14:49:13 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 2835 TO ITERATE

100.0% PROCESSED 2835 ITERATIONS
SEARCH TIME: 00.00.01

399 ANSWERS

L3 399 SEA SSS FUL L1

=> FILE CAPLUS

COST IN U.S. DOLLARS

| SINCE FILE ENTRY | TOTAL SESSION |
|------------------|---------------|
| 172.55 | 172.76 |

FULL ESTIMATED COST

FILE 'CAPLUS' ENTERED AT 14:49:45 ON 29 MAR 2007

10500599

<03/29/2007>

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FILE COVERS 1907 - 29 Mar 2007 VOL 146 ISS 14
FILE LAST UPDATED: 28 Mar 2007 (20070328/ED)

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=> S L3
L4 359 L3

=> FILE REG
COST IN U.S. DOLLARS
FULL ESTIMATED COST

| | SINCE FILE ENTRY | TOTAL SESSION |
|--|------------------|---------------|
| | 1.88 | 174.64 |

FILE 'REGISTRY' ENTERED AT 14:52:08 ON 29 MAR 2007
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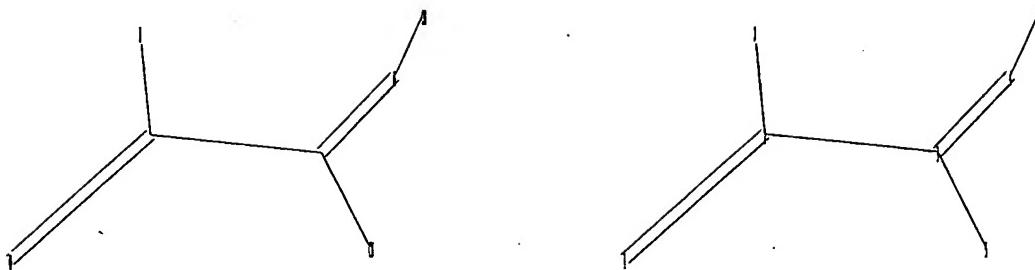
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<http://www.cas.org/ONLINE/UG/regprops.html>

=>
Uploading C:\Program Files\Stnexp\Queries\105005991.str

10500599

<03/29/2007>

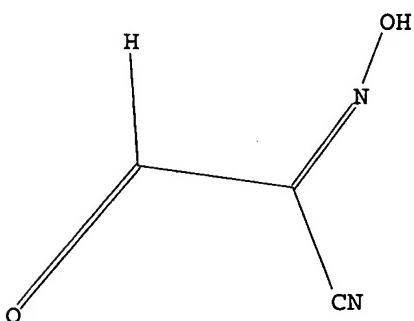


chain nodes :
1 2 3 4 5 6 7
chain bonds :
1-2 2-3 2-7 3-4 3-5 4-6
exact/norm bonds :
1-2 3-4 4-6
exact bonds :
2-3 2-7 3-5

Match level :
1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS

L5 STRUCTURE UPLOADED

=> D
L5 HAS NO ANSWERS
L5 STR



Structure attributes must be viewed using STN Express query preparation.

=> S L5
SAMPLE SEARCH INITIATED 14:52:27 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 150 TO ITERATE

100.0% PROCESSED 150 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 2266 TO 3734

10500599

<03/29/2007>

PROJECTED ANSWERS: 0 TO 0

L6 0 SEA SSS SAM L5

=> S L5 FULL
FULL SEARCH INITIATED 14:52:46 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 2835 TO ITERATE

100.0% PROCESSED 2835 ITERATIONS 1 ANSWERS
SEARCH TIME: 00.00.01

L7 1 SEA SSS FUL L5

=> FILE CAPLUS
COST IN U.S. DOLLARS SINCE FILE TOTAL
FULL ESTIMATED COST ENTRY SESSION
172.10 346.74

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=> S L7
L8 1 L7

=> D IBIB ABS HITSTR TOT

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<03/29/2007>

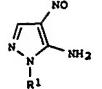
LS ANSWER 1 OF 1 CAPLUS COPYRIGHT 2007 ACS on STN
 ACESSION NUMBER: 2003-591154 CAPLUS
 DOCUMENT NUMBER: 139149625
 TITLE: Process for producing 3-unsubstituted
 5-amino-4-nitrosopyrazole compounds and intermediates
 therefor
 INVENTOR(S): Fukuda, Yasuhisa; Shikita, Shoji; Murakami, Tadashi;
 Oku, Masayoshi; Ota, Hiroyuki; Sone, Masanori
 PATENT ASSIGNEE(S): Ube Industries, Ltd., Japan
 SOURCE: PCT Int. Appl. 30 pp.
 CODEN: PIXXD2

DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|--|------|----------|-----------------|------------|
| WO 2003062207 | A1 | 20030731 | WO 2003-JP647 | 20030124 |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BO, BR, BY, BZ, CA, CH, CN,
CO, CR, CU, CG, DE, DK, DM, DZ, EC, EE, EG, FI, GB, GD, GE, GH,
GM, HR, HU, ID, IL, IN, IS, KE, KG, KR, KZ, LC, LK, LR, LS, LT,
LU, LV, MA, MD, ME, MM, MX, MZ, NO, NZ, OM, PH, PL, PT,
RO, RU, SC, SD, SG, GO, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG,
US, UZ, VC, VI, VU, ZA, ZM, ZT | | | | |
| RW: GR, OR, KG, LG, MN, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, ES, ES,
FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BP,
BA, CF, CG, CI, CM, GA, GN, GO, GW, ML, MR, NE, SN, TD, TO | | | | |
| JP 2003239178 | A | 20031015 | JP 2003-101259 | 20030124 |
| JP 38737956 | B2 | 20070134 | | |
| JP 2003300963 | A | 20031021 | JP 2002-106657 | 20020409 |
| JP 2003286239 | A | 20031010 | JP 2003-14627 | 20030123 |
| JP 2004083552 | A | 20040118 | JP 2003-14628 | 20030123 |
| EP 1475369 | A1 | 20041110 | EP 2003-701857 | 20030124 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SB, MC, PT,
IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK | | | | |
| US 2005096472 | A1 | 20050505 | US 2003-500599 | 20030124 |
| CN 1620436 | A | 20050525 | CN 2003-B02518 | 20030124 |
| PRIORITY APPLN. INFO.: | | | JP 2002-15191 | A 20020124 |
| | | | JP 2002-101259 | A 20020403 |
| | | | JP 2002-106657 | A 20020409 |
| | | | JP 2002-197135 | A 20020705 |
| | | | WO 2003-JP647 | W 20030124 |

OTHER SOURCE(S): CASREACT 139:149625; MARPAT 139:149625
 GI

LS ANSWER 1 OF 1 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



AB This document discloses a process for producing a 3-unsubstituted 5-amino-4-nitrosopyrazole compound represented by the formula I (wherein

R1 represents hydrogen or an optionally substituted alkyl, aryl, or heterocyclic group, characterized by cyclizing a 3-hydrazono-2-hydroxyiminopropionitrile compound. I are useful as pharmaceutical and agrochem. intermediates. Also provided are intermediates for synthesizing

the pyrazole compound and processes for producing the intermediates.

IT 571178-16-0P
 RU: IMP (Industrial manufacture); RCT (Reactant); SPN (Synthetic Preparation); PREP (Preparation); RACT (Reactant or reagent) (process for preparing 5-amino-4-nitrosopyrazole derive.)

(process for preparing 3-hydrazono-2-hydroxyiminopropionitrile derive. and process for preparing 3-hydrazono-2-hydroxyiminopropionitrile derive.)

RN 571178-16-0 CAPLUS

CN Propanenitrile, 2-(hydroxyimino)-3-oxo- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 31 THERE ARE 31 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

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<03/29/2007>

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LOGOFF? (Y)/N/HOLD:Y

COST IN U.S. DOLLARS

| | SINCE FILE
ENTRY | TOTAL
SESSION |
|---------------------|---------------------|------------------|
| FULL ESTIMATED COST | 5.74 | 352.48 |

| DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) | SINCE FILE
ENTRY | TOTAL
SESSION |
|--|---------------------|------------------|
| CA SUBSCRIBER PRICE | -0.78 | -0.78 |

STN INTERNATIONAL LOGOFF AT 14:53:37 ON 29 MAR 2007